

06-09-01

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PTO/SB/06 (11-00)
Approved for use through 10/31/2002 OMB 0851-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.63(e))

Attorney Docket No.

D2370

First Inventor

Robert L. Howard et al.

Title

A SYSTEM FOR IMPROVED RETURN PATH PERFORMANCE...

Express Mail Label No.

ET023132194US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **15**]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the invention
- Brief Summary of the invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **1**]
5. Oath or Declaration [Total Pages **3**]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.78

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer
Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement [when there is an assignee] ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure
Statement (IDS)/PTO-1449 ☐ Copies of IDS
Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Prior application information: Examiner _____

Group / Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

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or ☐ Correspondence address below

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City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Karin L. Williams

Registration No. (Attorney/Agent)

36,721

Signature

Karin L. Williams

Date

10/1/01

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1c682 U.S. PTO

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05273150-050101

09/873160

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

Complete if Known

Application Number	Unassigned
Filing Date	Filed Herewith
First Named Inventor	Robert L. Howald et al
Examiner Name	Unassigned
Group Art Unit	Unassigned
Attorney Docket No.	D2370

TOTAL AMOUNT OF PAYMENT \$786.00

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fee and credit any overpayments to:

Deposit Account Number **50-1047**
Deposit Account Name **Mayer Fortkort & Williams**

- ☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17
☐ Applicant claims small entity status See 37 CFR § 1.27

2. ☐ Payment Enclosed

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 710 201 355		Utility filing fee	710.00
106 320 206 180		Design filing fee	
107 490 207 246		Plant filing fee	
108 710 208 356		Reissue filing fee	
114 150 214 75		Provisional filing fee	
SUBTOTAL (1)			5710.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
22	20	2 x 18.00	36.00
2	3	0 x 0.00	0.00
SUBTOTAL (2)			36.00

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18 203 9		Claims in excess of 20	
102 80 202 40		Independent claims in excess of 3	
104 270 204 135		Multiple dependent claim, if not paid	
109 80 209 40		** Reissue independent claims over original patent	
110 18 210 9		** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)			336.00

*or number previously paid, if greater; for Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
106 130 206 65		Surcharge - late filing fee or oath	
127 60 227 25		Surcharge - late provisional filing fee or cover sheet	
139 130 139 130		Non - English specification	
147 2,520 147 2,520		For filing a request for ex parte reexamination	
112 920* 112 920*		Requesting publication of SIR prior to Examiner action	
113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action	
115 110 215 65		Extension for reply within first month	
116 390 216 185		Extension for reply within second month	
117 890 217 445		Extension for reply within third month	
118 1,390 218 695		Extension for reply within fourth month	
128 1,890 228 945		Extension for reply within fifth month	
119 310 219 155		Notice of Appeal	
120 310 220 155		Filing a brief in support of an appeal	
121 270 221 135		Request for oral hearing	
136 1,510 136 1,510		Petition to institute a public use proceeding	
140 110 240 55		Petition to revive - unavoidable	
141 1,240 241 620		Petition to revive - unintentional	
142 1,240 242 620		Utility issue fee (or reissue)	
143 440 243 220		Design issue fee	
144 800 244 300		Plant issue fee	
122 130 122 130		Petitions to the Commissioner	
123 50 123 50		Processing fee under 37 CFR § 1.17(q)	
126 180 126 180		Submission of Information Disclosure Statement	
581 40 581 40		Recording each patent assignment per property (times number of properties)	40.00
146 710 246 355		Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710 249 355		For each additional invention to be examined (37 CFR § 1.129(b))	
179 710 279 355		Request for Continued Examination (RCE)	
169 900 169 900		Request for expedited examination of a design application	
Other fee (specify)			
SUBTOTAL (3)			540.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name (Print/Type)	Robert L. Williams	Registration No. (Attorney/Agent)	36,721	Telephone	973-548-1099
Signature	<i>Robert L. Williams</i>	Date	6/1/01		

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09873100-050101

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Robert L. Howald et al.**

Docket No.

D2370

Serial No.

Unassigned

Filing Date

Filed Herewith

Examiner

Unassigned

Group Art Unit

Unassigned

Invention: **A SYSTEM FOR IMPROVED RETURN PATH PERFORMANCE FOR DIGITAL COMMUNICATION SIGNALS USING A SAMPLED RF WORD INTERFACE TO HEADEND DEMODULATORS**

I hereby certify that this **New U.S. Patent Application***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under

37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231

on

6/1/01*(Date)***Marjorie Scariati***(Typed or Printed Name of Person Mailing Correspondence)*
*(Signature of Person Mailing Correspondence)***ET023132194US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**